

Calendar No. **702**111<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION**S. 3874**

To amend the Safe Drinking Water Act to reduce lead in drinking water.

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## IN THE SENATE OF THE UNITED STATES

SEPTEMBER 29, 2010

Mrs. BOXER (for herself, Mrs. FEINSTEIN, Ms. KLOBUCHAR, Mr. CARDIN, Mrs. GILLIBRAND, Mr. SANDERS, Mr. ALEXANDER, Mr. WHITEHOUSE, Mr. INHOFE, Mr. FEINGOLD, and Mr. LAUTENBERG) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

DECEMBER 16, 2010

Reported by Mrs. BOXER, without amendment

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**A BILL**

To amend the Safe Drinking Water Act to reduce lead in drinking water.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Reduction of Lead in  
5       Drinking Water Act”.

1 **SEC. 2. REDUCING LEAD IN DRINKING WATER.**

2 (a) IN GENERAL.—Section 1417 of the Safe Drink-  
3 ing Water Act (42 U.S.C. 300g–6) is amended—

4 (1) by adding at the end of subsection (a) the  
5 following:

6 “(4) EXEMPTIONS.—The prohibitions in para-  
7 graphs (1) and (3) shall not apply to—

8 “(A) pipes, pipe fittings, plumbing fittings,  
9 or fixtures, including backflow preventers, that  
10 are used exclusively for nonpotable services  
11 such as manufacturing, industrial processing,  
12 irrigation, outdoor watering, or any other uses  
13 where the water is not anticipated to be used  
14 for human consumption; or

15 “(B) toilets, bidets, urinals, fill valves,  
16 flushometer valves, tub fillers, shower valves,  
17 service saddles, or water distribution main gate  
18 valves that are 2 inches in diameter or larger.”;  
19 and

20 (2) by amending subsection (d) to read as fol-  
21 lows:

22 “(d) DEFINITION OF LEAD FREE.—

23 “(1) IN GENERAL.—For the purposes of this  
24 section, the term ‘lead free’ means—

1           “(A) not containing more than 0.2 percent  
2           lead when used with respect to solder and flux;  
3           and

4           “(B) not more than a weighted average of  
5           0.25 percent lead when used with respect to the  
6           wetted surfaces of pipes, pipe fittings, plumbing  
7           fittings, and fixtures.

8           “(2) CALCULATION.—The weighted average  
9           lead content of a pipe, pipe fitting, plumbing fitting,  
10          or fixture shall be calculated by using the following  
11          formula: For each wetted component, the percentage  
12          of lead in the component shall be multiplied by the  
13          ratio of the wetted surface area of that component  
14          to the total wetted surface area of the entire product  
15          to arrive at the weighted percentage of lead of the  
16          component. The weighted percentage of lead of each  
17          wetted component shall be added together, and the  
18          sum of these weighted percentages shall constitute  
19          the weighted average lead content of the product.  
20          The lead content of the material used to produce  
21          wetted components shall be used to determine com-  
22          pliance with paragraph (1)(B). For lead content of  
23          materials that are provided as a range, the max-  
24          imum content of the range shall be used.”.

1       (b) EFFECTIVE DATE.—The provisions of sub-  
2 sections (a)(4) and (d) of section 1417 of the Safe Drink-  
3 ing Water Act, as added by this section, apply beginning  
4 on the day that is 36 months after the date of the enact-  
5 ment of this Act.



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